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Fall 1-1-2020

Aminoglycoside Resistance in Clinical Isolates of Pseudomonas Species

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Aminoglycoside Resistance in Clinical Isolates of *Pseudomonas* Species

Aminoglycosides are important antibiotics in the treatment of pseudomonas infections. Resistance to aminoglycosides in pseudomonas species has been known since 1960s and 1970s. Aim: To detect the aminoglycoside resistance pattern in Pseudomonas species. Materials & Methods: This Laboratory based descriptive study conducted in the Department of Microbiology, KMC, Mangalore. By non-random sampling, 39 consecutive clinically significant Pseudomonas isolates were collected from various clinical specimens after obtaining clearance from Ethics Committee. Antibiotic susceptibility testing was performed using disk diffusion method described by Kirby-Bauer. The sensitivity was done and results interpreted according to Clinical Standards Institute (CLSI) recommendations. The collected data will be entered in MS Excel and analysis done using SPSS v 11.5.